

Title (en)

A METHOD OF SELECTING A MODULATION AND CODING SCHEME BASED ON ADJUSTED CHANNEL QUALITY VALUES

Title (de)

VERFAHREN ZUR AUSWAHL EINES MODULATIONS- UND CODIERUNGSSCHEMAS AUF DER BASIS VON JUSTIERTEN KANALQUALITÄTSWERTEN

Title (fr)

PROCÉDÉ DE SÉLECTION D'UN SCHÉMA DE MODULATION ET DE CODAGE À PARTIR DES VALEURS AJUSTÉES DE LA QUALITÉ D'UN CANAL

Publication

EP 2220796 A4 20130710 (EN)

Application

EP 07852236 A 20071210

Priority

SE 2007050964 W 20071210

Abstract (en)

[origin: WO2009075617A1] In a method for selecting modulation and coding scheme for data transmitted from a transmitter to a receiver, the transmitter determines an estimated channel quality value. The transmitter then adjusts the estimated channel quality value in relation to a distribution of estimated channel quality values, and selects modulation and coding scheme based on the adjusted channel quality value. The invention also extends to a transmitter and a computer program product configured to select modulation and coding scheme accordingly.

IPC 8 full level

H04B 17/00 (2006.01); **H04L 1/00** (2006.01); **H04L 25/02** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP US)

H04B 17/309 (2015.01 - EP US); **H04L 1/0019** (2013.01 - EP US); **H04L 1/0026** (2013.01 - EP US); **H04L 1/0033** (2013.01 - EP US); **H04L 25/0202** (2013.01 - EP US); **H04L 1/0003** (2013.01 - EP US); **H04L 1/0009** (2013.01 - EP US)

Citation (search report)

- [X1] WO 2006004968 A2 20060112 - WALTICAL SOLUTIONS INC FORMERL [US], et al
- [X1] US 2006251180 A1 20061109 - BAUM KEVIN L [US], et al
- [X1] US 2007077952 A1 20070405 - SARTORI PHILIPPE J [US], et al
- [X1] WO 2007053071 A1 20070510 - ERICSSON TELEFON AB L M [SE], et al
- See references of WO 2009075617A1

Cited by

US2019089480A1; US10873413B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2009075617 A1 20090618; EP 2220796 A1 20100825; EP 2220796 A4 20130710; JP 2011507387 A 20110303; US 2010232526 A1 20100916; US 8270500 B2 20120918

DOCDB simple family (application)

SE 2007050964 W 20071210; EP 07852236 A 20071210; JP 2010537888 A 20071210; US 74051710 A 20100429